

Title (en)

Male surface fastener member for use in a cushion body mold and manufacturing method of a cushion body

Title (de)

Oberflächenbefestigungselement mit Außengewinde zur Verwendung in einer Kissenkörperform und Herstellungsverfahren für einer Kissenkörperform

Title (fr)

Élément de fixation de surface mâle pour une utilisation dans un moule de corps de coussin et procédé de fabrication d'un corps de coussin

Publication

**EP 2255944 B1 20181226 (EN)**

Application

**EP 10250082 A 20100119**

Priority

US 35593309 A 20090119

Abstract (en)

[origin: US2010181695A1] Various embodiments include a male surface fastener member configured for being molded onto a surface of a foaming resin mold body. The male surface fastener member includes a plurality of male surface fastener strips connected with each other in an end-to-end relationship via a connecting portion that is integrally formed with at least the end portions of each male surface fastener strips. Each male surface fastener strip includes a base material having a first surface from which a plurality of engaging elements extend upwardly and first and second substantially lateral resin intrusion prevention walls that upwardly from the first surface along a width direction of the base material between the first and second longitudinal resin intrusion prevention walls. Each of the lateral resin intrusion prevention walls comprises a plurality of engaging elements that are arranged in series in a width direction of the first surface.

IPC 8 full level

**A44B 18/00** (2006.01); **B29C 33/16** (2006.01); **B29C 43/22** (2006.01); **B29C 43/46** (2006.01); **B29C 44/12** (2006.01); **B29C 44/34** (2006.01); **B29C 47/00** (2006.01); **B29C 47/32** (2006.01); **B29C 48/08** (2019.01); **B29C 48/12** (2019.01); **B29C 48/13** (2019.01); **B29C 48/35** (2019.01); **B29K 105/04** (2006.01); **B29L 31/00** (2006.01); **B29L 31/44** (2006.01)

CPC (source: EP US)

**A44B 18/0015** (2013.01 - US); **A44B 18/0049** (2013.01 - US); **A44B 18/0073** (2013.01 - US); **A44B 18/0076** (2013.01 - EP US); **B29C 43/222** (2013.01 - EP US); **B29C 43/46** (2013.01 - EP US); **B29C 44/1261** (2013.01 - EP US); **B29C 44/1271** (2013.01 - EP US); **B29C 44/351** (2013.01 - EP US); **B29C 48/08** (2019.01 - EP US); **B29C 48/12** (2019.01 - EP US); **B29C 48/13** (2019.01 - EP US); **B29C 48/35** (2019.01 - EP US); **B29C 33/16** (2013.01 - EP US); **B29C 2043/461** (2013.01 - EP US); **B29K 2105/04** (2013.01 - EP US); **B29L 2031/443** (2013.01 - EP US); **B29L 2031/729** (2013.01 - EP US); **B29L 2031/751** (2013.01 - EP US); **B29L 2031/771** (2013.01 - EP US); **Y10T 24/27** (2015.01 - EP US); **Y10T 24/2717** (2015.01 - EP US); **Y10T 24/2725** (2015.01 - EP US); **Y10T 24/275** (2015.01 - EP US); **Y10T 24/2775** (2015.01 - EP US); **Y10T 24/45** (2015.01 - EP US); **Y10T 428/24** (2015.01 - EP US); **Y10T 428/24017** (2015.01 - EP US); **Y10T 428/24182** (2015.01 - EP US)

Cited by

DE112011105783B4; US9357815B2; US9781979B2; US9433262B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2010181695 A1 20100722**; **US 7998548 B2 20110816**; CN 101791879 A 20100804; CN 101791879 B 20130731; CN 103350531 A 20131016; CN 103350531 B 20150826; EP 2255944 A2 20101201; EP 2255944 A3 20121107; EP 2255944 B1 20181226; JP 2010162339 A 20100729; JP 2014057870 A 20140403; JP 5632526 B2 20141126; KR 101151541 B1 20120530; KR 20100084988 A 20100728; US 2011062615 A1 20110317; US 2014298626 A1 20141009; US 8795564 B2 20140805; US 9445650 B2 20160920

DOCDB simple family (application)

**US 35593309 A 20090119**; CN 201010001048 A 20100119; CN 201310286485 A 20100119; EP 10250082 A 20100119; JP 2009280908 A 20091210; JP 2013231310 A 20131107; KR 20100004227 A 20100118; US 201414310836 A 20140620; US 94859410 A 20101117